## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| S1 | 1 | "20070142964".pn. | US-PGPUB; USPAT | OR | OFF | 2009/04/08 09:29 |
| S2 | 65 | 700/245.ccls. and dock$3 near station | US-PGPUB; USPAT | OR | OFF | 2009/06/02 20:44 |
| S3 | 24 | 700/245.ccls. and dock$3 near station and contacts | US-PGPUB; USPAT | OR | OFF | 2009/06/04 22:50 |
| S4 | 56 | 700/245.ccls. and dock$3 near station and contact$3 | US-PGPUB; USPAT | OR | OFF | 2009/06/04 22:51 |
| S5 | 24 | 700/245.ccls. and dock$3 near station and contact$3 and supply | US-PGPUB; USPAT | OR | OFF | 2009/06/04 22:51 |
| S6 | 17 | 700/245.ccls. and dock$3 near station and contact$3 and supply and transmi$5 | US-PGPUB; USPAT | OR | OFF | 2009/06/04 22:51 |
| S7 | 12 | 700/245.ccls. and dock$3 near station and contact$3 and supply and transmi$5 and energy | US-PGPUB; USPAT | OR | OFF | 2009/06/04 22:52 |
| S8 | 1 | 700/245.ccls. and dock$3 near station and contact$3 and supply and transmi$5 and energy and (horizontal$2 or lateral$2) near align$4 | US-PGPUB; USPAT | OR | OFF | 2009/06/04 22:53 |
| S9 | 37 | "700".clas. and dock$3 near station and contact$3 and supply and transmi$5 and energy | US-PGPUB; USPAT | OR | OFF | 2009/06/05 07:32 |
| S10 | 35 | (700/245,246,249,250256,259,261 or 318/568.1,568.12,581,587, or 701/23,24,25,26,300 or 901/1,46,47).ccls. and (dock$3 or charg$3) near station and contact$3 and supply and transmi$5 and energy | US-PGPUB; USPAT | OR | OFF | 2009/06/05 07:44 |

| S11 | 35 | (700/245,246,249,250,256,259,261 or 318/568.1,568.12,581,587, or 701/23,24,25,26,300 or 901/1,46,47).ccls. and (dock$3 or charg$3) near station and contact$3 and supply and transmi$5 and energy | US-PGPUB; USPAT | OR | OFF | 2009/06/05 07:44 |
|-----|-----|-----|-----|-----|-----|-----|
| S12 | 2 | (700/245,246,249,250,256,259,261 or 318/568.1,568.12,581,587, or 701/23,24,25,26,300 or 901/1,46,47).ccls. and (dock$3 or charg$3) near station and (electric$4 near2 contacts) and supply and transmi$5 and energy | US-PGPUB; USPAT | OR | OFF | 2009/06/05 08:33 |
| S13 | 5 | (700/245,246,249,250,256,259,261 or 318/568.1,568.12,581,587, or 701/23,24,25,26,300 or 901/1,46,47).ccls. and (dock$3 or charg$3) near station and (electric$4 near2 contact) and supply and transmi$5 and energy | US-PGPUB; USPAT | OR | OFF | 2009/06/05 08:35 |
| S14 | 1 | "20050150074".pn. | US-PGPUB; USPAT | OR | OFF | 2009/06/05 08:50 |
| S15 | 1 | (700/245,246,249,250,256,259,261 or 318/568.1,568.12,581,587, or 701/23,24,25,26,300 or 901/1,46,47).ccls. and (dock$3 or charg$3) near station and (electric$4 near2 contact) with arms and transmi$5 and energy | US-PGPUB; USPAT | OR | OFF | 2009/06/05 14:46 |
| S16 | 1 | (700/245,246,249,250,256,259,261 or 318/568.1,568.12,581,587, or 701/23,24,25,26,300 or 901/1,46,47).ccls. and (dock$3 or charg$3) near station and (transmi$5 with arms) and energy | US-PGPUB; USPAT | OR | OFF | 2009/06/05 14:47 |
| S17 | 17 | (700/245,246,249,250,256,259,261 or 318/568.1,568.12,581,587, or 701/23,24,25,26,300 or 901/1,46,47).ccls. and (transmi$5 with arms) and energy | US-PGPUB; USPAT | OR | OFF | 2009/06/05 14:47 |

| S18 | 2 | (700/245,246,249,250,256,259,261 or 318/568.1,568.12,581,587, or 701/23,24,25,26,300 or 901/1,46,47).ccls. and (transmi$5 with arms with magnetic$4) and energy | US-PGPUB; USPAT | OR | OFF | 2009/06/05 15:09 |
|-----|-----|-----|-----|-----|-----|-----|
| S19 | 2 | (700/245,246,249,250,256,259,261 or 318/568.1,568.12,581,587, or 701/23,24,25,26,300 or 901/1,46,47).ccls. and (transmi$5 with arms with magnetic$4) | US-PGPUB; USPAT | OR | OFF | 2009/06/05 15:10 |
| S20 | 9 | robot$2 and (transmi$5 with arms with magnetic $4) | US-PGPUB; USPAT | OR | OFF | 2009/06/05 15:10 |
| S21 | 21 | robot$2 and (dock$4 or charg$3) near station with magnet$5 | US-PGPUB; USPAT | OR | OFF | 2009/06/05 16:09 |
| S22 | 67 | robot$2 and (dock$4 or charg$3) near station same magnet$5 | US-PGPUB; USPAT | OR | OFF | 2009/06/05 16:23 |
| S23 | 69 | robot$2 and (dock$4 or charg$3) near station same magnet$6 | US-PGPUB; USPAT | OR | OFF | 2009/06/05 16:41 |
| S24 | 257 | robot$2 and (dock$4 or charg$3) same magnet $6 same (transmi$5 or send$3) | US-PGPUB; USPAT | OR | OFF | 2009/06/05 16:50 |
| S25 | 77 | robot$2 and (dock$4 or charg$3) with magnet$6 with (transmi$5 or send$3) | US-PGPUB; USPAT | OR | OFF | 2009/06/05 16:50 |
| S26 | 1 | (700/245,246,249,250,256,259,261 or 318/568.1,568.12,581,587, or 701/23,24,25,26,300 or 901/1,46,47).ccls. and ((dock$3 or charg$3) near station same wire) and (electric$4 near contact$3) and supply and (transmi$5 or send or communicat$3) | US-PGPUB; USPAT | OR | OFF | 2009/06/05 17:24 |
| S27 | 8 | robot$2 and ((dock$3 or charg$3) near station same wire) and (electric$4 near contact$3) and supply and (transmi$5 or send or communicat$3) | US-PGPUB; USPAT | OR | OFF | 2009/06/05 17:30 |
| S28 | 16 | robot with (charg$3 or dock$3) with power with electricity | US-PGPUB; USPAT | OR | OFF | 2009/06/07 16:42 |

| S29 | 1660 | move with out with (dock$3 or charg$3) | US-PGPUB; USPAT | OR | OFF | 2009/06/07 17:37 |
|-----|------|----------------------------------------|------------------|-----|-----|------------------|
| S30 | 9 | move with out with (dock$3 or charg$3) with robot | US-PGPUB; USPAT | OR | OFF | 2009/06/07 17:37 |
| S31 | 12 | move with out with (dock$3 or charg$3) with robot$2 | US-PGPUB; USPAT | OR | OFF | 2009/06/07 17:42 |
| S32 | 205 | redock or recharge with robot$2 | US-PGPUB; USPAT | OR | OFF | 2009/06/07 17:43 |
| S33 | 1 | redock with robot$2 | US-PGPUB; USPAT | OR | OFF | 2009/06/07 17:43 |
| S34 | 1 | redock same robot$2 | US-PGPUB; USPAT | OR | OFF | 2009/06/07 17:43 |
| S35 | 84 | recharge with robot$2 same (station or unit) | US-PGPUB; USPAT | OR | OFF | 2009/06/07 17:44 |
| S36 | 1523 | align$4 same robot$2 same contact | US-PGPUB; USPAT | OR | OFF | 2009/06/07 17:57 |
| S37 | 812 | align$4 same robot$2 same contact same mov$5 | US-PGPUB; USPAT | OR | OFF | 2009/06/07 17:57 |
| S38 | 3 | align$4 same robot$2 same contact same mov$5 same (station or unit) same (dock$3 or recharg $2) | US-PGPUB; USPAT | OR | OFF | 2009/06/07 17:59 |
| S39 | 22 | align$4 same robot$2 same contact same mov$5 same (dock$3 or recharg$2) | US-PGPUB; USPAT | OR | OFF | 2009/06/07 18:03 |
| S40 | 165 | align$4 same robot$2 same (no$2 with contact) | US-PGPUB; USPAT | OR | OFF | 2009/06/07 18:07 |
| S41 | 1 | align$4 same robot$2 same (no$2 with contact) same dock$3 | US-PGPUB; USPAT | OR | OFF | 2009/06/07 18:08 |
| S42 | 2 | align$4 same robot$2 same (no$2 with contact) same charg$3 | US-PGPUB; USPAT | OR | OFF | 2009/06/07 18:08 |
| S43 | 19 | no near contact same robot same (station or unit or device) | US-PGPUB; USPAT | OR | OFF | 2009/06/07 18:12 |

| S44 | 2 | no near contact same robot same docking | US-PGPUB; USPAT | OR | OFF | 2009/06/07 18:13 |
| S45 | 5 | no near contact same robot$2 same charg$3 | US-PGPUB; USPAT | OR | OFF | 2009/06/07 18:13 |
| S46 | 2 | robot$2 or vehicle) with (dock$ or charg$) with no near contact | US-PGPUB; USPAT | OR | OFF | 2009/06/07 18:22 |
| S47 | 1283 | abramson.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/28 22:56 |
| S48 | 13 | abramson.in. and docking | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/28 22:56 |
| S49 | 299410 | ((dock$3 or charg$3 or engage$4) same (voltage or power) with (predetermined or level or threshold or limit or value)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/30 23:25 |
| S50 | 318 | ((dock$3 or charg$3 or engage$4) same robot$2 same (voltage or power) with (predetermined or level or threshold or limit or value)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/30 23:26 |

| S51 | 142 | ((dock$3 or charg$3 or engage$4) with robot$2 with (voltage or power) with (predetermined or level or threshold or limit or value)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/30 23:27 |

## EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| L8 | 0 | ((dock$3 near station) same robot same (voltage near threshold)).clm. | USPAT; UPAD | OR | ON | 2009/12/31 13:57 |

**12/31/2009 1:57:42 PM**

**C:\Documents and Settings\rking2\My Documents\EAST\Workspaces\Robot Docking Station and Robot.wsp**